

# **20<sup>th</sup> FAI World Rally Flying Championship 2016**



## **LOCAL RULES**

**SANTA CRUZ BEACH – PORTUGAL**

**SEPTEMBER 4<sup>th</sup> to 10<sup>th</sup> 2016**

## C. LOCAL REGULATIONS

### C.1 Introduction

The following local regulations for the 20<sup>th</sup> FAI World Rally Flying Championships, should be used together with the FAI Sporting Code - General Section and Section 2, Rules and Regulations for FAI Rally Flying Championship and the other FAI documents for organizing of the FAI First Category Events.

Santa Cruz World Rally Flying Championship will be the major Air Sport event in Portugal, putting all together several, national and international pilots competitors, during several days, getting the most of the mystic Santa Cruz Airfield, the most western in Continental Europe, with 85 years old, and just close to the sea, hotels and restaurants, where pilots could relax on our awarded beaches\*.

### C.2 Organizer

The 20th FAI World Rally Flying Championships will be organized by Aeroclube Torres Vedras in Santa Cruz (below official contact).



**AEROCLUBE TORRES VEDRAS**  
Aeródromo Municipal da Praia de Santa Cruz  
2560-470 Silveira  
Portugal

**Website:**

<http://www.santacruzwrfc2016.com/>

**Email:** [info@santacruzwrfc2016.com](mailto:info@santacruzwrfc2016.com),

### C.3 Place

Santa Cruz Airfield is located 60 km North of Lisbon, 15 Km of Torres Vedras City, just a few meters from the beach and village of Santa Cruz.

The village center, hotels, restaurants and other service are easily accessible in 5 minutes, walking distance from the Santa Cruz Airfield.

Facilities and designated areas for teams, organization's officials, car parking for competitors, bar, toilets, and other services will be available inside the airfield.



!Santa Cruz Aerodrome aerial view from South



Santa Cruz, considered one of 50 World Best Beaches \*

\*Coedé Nast Traveller Awards for 50 Best World Beach

<http://www.traveler.es/viajes/rankings/galerias/las-50-mejores-playas-del-mundo/206/image/9304>



## **Santa Cruz Airfield (LPSC) Operational Data:**

### GEOGRAPHICAL COORDINATES

Santa Cruz Airfield - Santa Cruz Beach - Torres Vedras

N 39° 07' 25" W 009° 22' 48"

### RUNWAYS

RWY 35L-17R – Asphalt 635x23m

RWY 35L-17R – Compact soil 870x25m



**a) Facilities:** Refuelling station (100LL, AEROSHELL W100), maintenance (EASA PART M), public phones, restaurant, hangars, different buildings.

**b) Frequency:** Santa Cruz Info **122,350 MHz**

**c) Location:**

Santa Cruz 500m (0,3 NM) SE

**d) AD Reference Data**

LAT 390725N LONG 0092248W

Elevation: 49m/161FT

THR RWY 17 elevation: 41m

THR RWY 35 elevation: 49m

Max. temp (average): 18.5° C

Min. temp (average): 12.2° C

Annual Nebulosity (average): 5.7

Annual Precipitation (average): 582mm

Dominant Wind: NW

Mag.Var: 04°06' W (2006) Annual change: -9'

**e) Approved Traffic**

VFR (MTOM = or < 5700KG)

Ultralight operation – YES

**f) Fuel, Oil and Repair Facilities**

AVGAS 100LL / Oil W100 and 100 / EASA  
Part M Maintenance facility

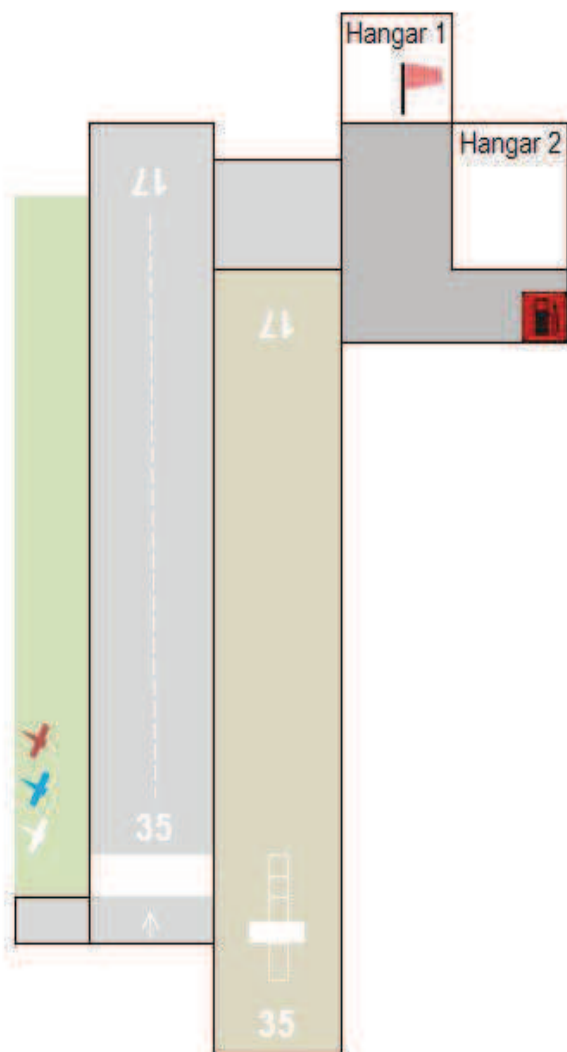
**g) Local Restrictions**

Obstacles: - Antenna - Position  
390629N0092205W Elevation 78m no  
signalised.

Obstacle 6M Height at 50M from THR  
RWY35

Model Flying: West side of the aerodrome is occasionally used to aerobatics activities. These activities will stop whenever traffic is expected in aerodrome circuit.

Paragliding Activity: Above coast line, 2NM North from the Aerodrome.



## C.4 Dates

September	1 <sup>st</sup> to 3 <sup>rd</sup>	Practice days
September	4 <sup>th</sup> (SUN)	Final arrival, Teams Registration, Opening Ceremony
September	5 <sup>th</sup> (MON)	First competition flight – 1 <sup>st</sup> Navigation test
September	6 <sup>th</sup> (TUE)	Second competition flight – 2 <sup>nd</sup> Navigation test
September	7 <sup>th</sup> (WED)	Third competition flight – 3 <sup>rd</sup> Navigation test
September	8 <sup>th</sup> (THU)	Fourth competition flight-4 <sup>th</sup> Navigation test
September	9 <sup>th</sup> (FRI)	Price Giving and Closing Ceremony
September	10 <sup>th</sup> (SAT)	Departures

The Championship director may change this schedule.

## C.5 Entries

### C.5.1 The Preliminary Entries

The Preliminary Entry Forms should be sent Not Later, than **March 31<sup>st</sup>, 2016** to the address, stated in **C.2** by mail, e-mail or FAX.

### C.5.2 List of Preliminary Entries and Official Entry Forms

The list of Preliminary Entries and Official Entry Forms will be sent to those National Aero Clubs from which the Organizer has received the Preliminary Entry Forms.

### C.5.3 The Official Entries

The Official Entry Forms together with Entry Fees (see **C.6**) should be send to the address, stated in **C.2** by mail, E-mail or FAX not later, than

**July 15<sup>th</sup>, 2016**

### C.5.4 Late Entries

Entries received after **July 31<sup>st</sup>, 2016**, may be accepted by the Organizer only if there are vacancies and only together with late entry fee (see **C.6**).

#### C.5.5. Non acceptance of Entries

Entries received after **July 31<sup>st</sup>, 2016**, will be not accepted. After this date up to official start of the Championships only personal changes in official entries can be accepted.

#### C.5.6 List of Official Entries

The list of Official Entries will be sent to all NAC's from which the Organizer has received the Official Entry Forms.

#### C.5.7 Final entries without Entry Fees

If NAC sends a final entry but fails to pay the required entry fee, that NAC shall lose its right to participate in FAI Championships until the fee is paid.

### C.6 Entry Fee

#### C.6.1 The entry fee for each category is set below:

For the aircraft:		NONE
Crew members(for each competitor)	in double room	EUR 760
For each additional team members	in double room	EUR 500
For International Judge Max.2 per country	in double room	EUR 350
Additional International Judge and Observers	in double room	EUR 500
Supporters (non competitors)	in double room	EUR 500
For single room	plus	EUR 100

Extra day full board, before/after the training Camp in double room EUR 75

Extra day full board, before/after the training Camp in single room EUR 85

Organizer must receive entry fee before **July 15<sup>th</sup>, 2016**.

Payment received and accepted by Organizer after **July 15<sup>th</sup>, 2016** must be accompanied by an additional amount of **EUR 100, - per person**.



The entry fee must be paid to:

Account name: Aeroclube de Torres Vedras  
Bank Name: **Banco BPI, SA**  
Bank Address: Rua Tenente Valadim,  
284 – 4100-476 Porto  
Account Address: Largo da Igreja , nº 3 – 2560-535 Silveira  
SWIFT CODE/BIC: **BBPIPTPL**  
IBAN: **PT50001000003119167000228**  
Account number: 3-3119167000 002  
NIB: 0010 0000 31191670002 28

C.6.2 Each entry form is regarded as accepted only when the Organizer acknowledges it; the acknowledgement will only be given when the Entry Fee (Late Entry Fee) has been received by the Organizer.

C.6.3 The entry fee includes 5 nights included breakfast, 5 lunches, 5 dinners, opening and closing ceremony, excursion, FAI Sanction Fee for competitors. Every crew will receive one competition map for each navigation test.

C.6.4 Cancellation of entries is possible:

- before the final entry date, **July 15<sup>th</sup>, 2016**, without deduction of administration fee.
- after the final entry date, cancellation will be deducted by 10 % of the entry fee for each entrance.
- later than **July 30<sup>th</sup> 2016** only 50 % of the entry fee will be reimbursed.

## C.7 Team members

C.7.1 A team manager who preferably should not be a competing pilot but shall head each national team.

C.7.2 Each participating country is allowed to send a maximum of 10 crews (maximum 7 on each category) and a team manager.

C.7.3 Each participating country is entitled to provide International Judges. Paragraph D.3 of the Rules and Regulations for FAI Rally Flying Championships is applicable.

C.7.4 Each competing pilot shall possess a valid private pilot license or license of a higher grade, all competitors must have a valid FAI Sporting License.



#### C.7.5 Validation of license:

The pilots must be able to document in the form of declaration of the respective countries authorities that their certificate is in accordance with ICAO Annex I. If the evidence is not sufficient, pilot training may be needed to fulfill the requirements as imposed in ICAO 1178/2004 Annex III section. 5 to be flying in a Portuguese registered aircraft. Furthermore pilots must document a radio license with a language level of English equivalent to a minimum of grade 4 according JAR-FCL 055 and a valid health certificate. Validation process will be directly coordinated with Portuguese CAA (ANAC). New requirements could be necessary according Portuguese CAA request.

Microlight Pilots has to coordinate with Portuguese CAA all permissions.

#### C.7.6 All FAI member NACs may be represented at the 20<sup>th</sup> FAI World Rally Flying Championships by team or individual.

### C.8 Aircraft and Insurance

C.8.1 Each competing aircraft must possess a Certificate of Airworthiness and must be operated in accordance with the aircraft manual.

C.8.2 For all civil aircraft using the airspace of Portugal liability insurance has to be concluded with respect to damages caused by operation of that aircraft to the third parties covering a minimum amount in SDR (Special Drawing Rights) or in equivalent value of any other freely convertible currencies, for the aircraft with MTOM as mentioned below:

a) MTOW up to 999 kg € at least EUR 1.800.000

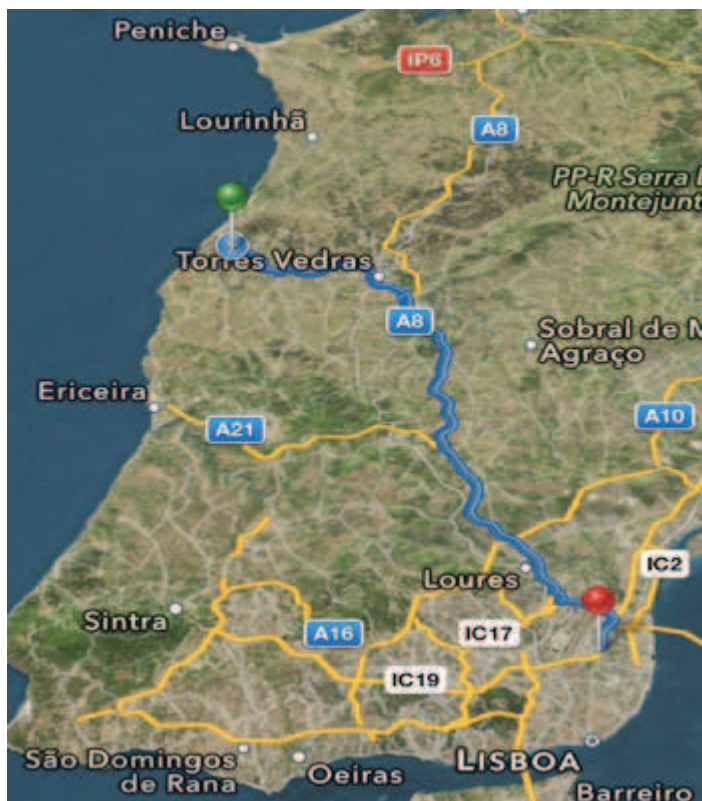
b) MTOW above 1000 kg to 2699 kg at least € 3.600.000

Each competing aircraft must be insured against 3<sup>rd</sup> Party Public Liability claims with a minimum amount as mentioned above according to MTOM. Aircraft arriving in the Portugal must be able to present the policy with a copy in English, certified by the Insurance Company.

C.8.3 Health and Injury Insurance is entirely on the Participants' own responsibility. The Organizer or the state of Portugal cannot take any responsibility for personal injury or health issues for the participants.

## C.9 Arrivals

C.9.1 Travel by commercial Airlines, arrivals may go to Lisbon Airport, which are located 45 km from Santa Cruz. Travel by own aircraft, arrivals can go to Santa Cruz Airfield. More information will follow in Championships Information Bulletins.



**By Air** – The access to Portugal by Lisbon International Airport(LPPT/LIS), 60 km away.

**By Train** – Several daily trains from Lisbon to Torres Vedras

**By Bus** – Several daily Bus from Lisbon to Torres Vedras, and from Torres Vedras to Santa Cruz

**By Car** – Take A8 highway from Lisbon or from Oporto. The highways A25, A23, A24 and A6 are connected to the highway A8 and comes from Spain.

The access to Santa Cruz beach and Airfield are properly marked along the roads.

### C.9.2 Emergency locator transmitter

ELT is advised to be carried on the board of all aircraft flying out of the aerodrome control zone.

### C.10 Language

All rules, regulations, information, briefings and tasks for competitors will be in English language only.

### C.11 Briefings

C.11.1 All briefings will be in accordance with the current FAI AIR RALLY FLYING CHAMPIONSHIP RULES AND REGULATIONS.

C.11.2 During competition days there will be a Met Briefing. In addition all information will be posted on the Information Board

C.11.3 Opening briefing on competition rules, regulations and other information, mandatory for all participating pilots and team managers will be on Sunday, **September 4<sup>th</sup>, 2016**.

C.11.4 Special judges briefing, mandatory for all international judges, judges observers, local judges, members of computer centre and helpers will be on Sunday, **September 4<sup>th</sup> 2016**.

### C.12 Specific rules

#### C.12.1 Aircraft rental

C.12.1.1 The following type of aircraft will be available for rent: (Rental fees may be subject to change, see remark C.12.1.3)

- Cessna 150/152      EUR 120 - per hour wet

- Cessna 172            EUR 160 - per hour wet

Requests should be stated in the Preliminary Entry Forms, sent to the Organizer up to published date (**March 31st, 2016**) and will be confirmed only when full Entry Fee is paid before **June 30th, 2016**.



C.12.1.2 The rental of aircraft is anticipated to be handled by the organizer. Price will include aircraft insurance and fuel (only if refueled at Santa Cruz airfield). An extra Fee may be charged to guarantee the transfer of the aircraft from its origin airfield base.

C.12.1.3 Expected hourly rental prices based on fuel price of EUR 1,80 per liter, they may be changed due to inflation, future fiscal legislation within Portugal, fuel price and insurance or other external factors.

#### C.12.2 Fuel, oil and other prices

AVGAS 100 LL	EUR 1,80/l (may change - see C.12.1.3)
AEROSHELL 100W	EUR 8 (may change - see C.12.1.3)
Competition Map	EUR 5
Local AERONAUTICAL CHART 1:500 000	EUR 16

#### C.12.2.1 Modes of payment

Payment for all services and aircraft rental shall be made in cash in EUR only. Any other currencies will not be accepted.

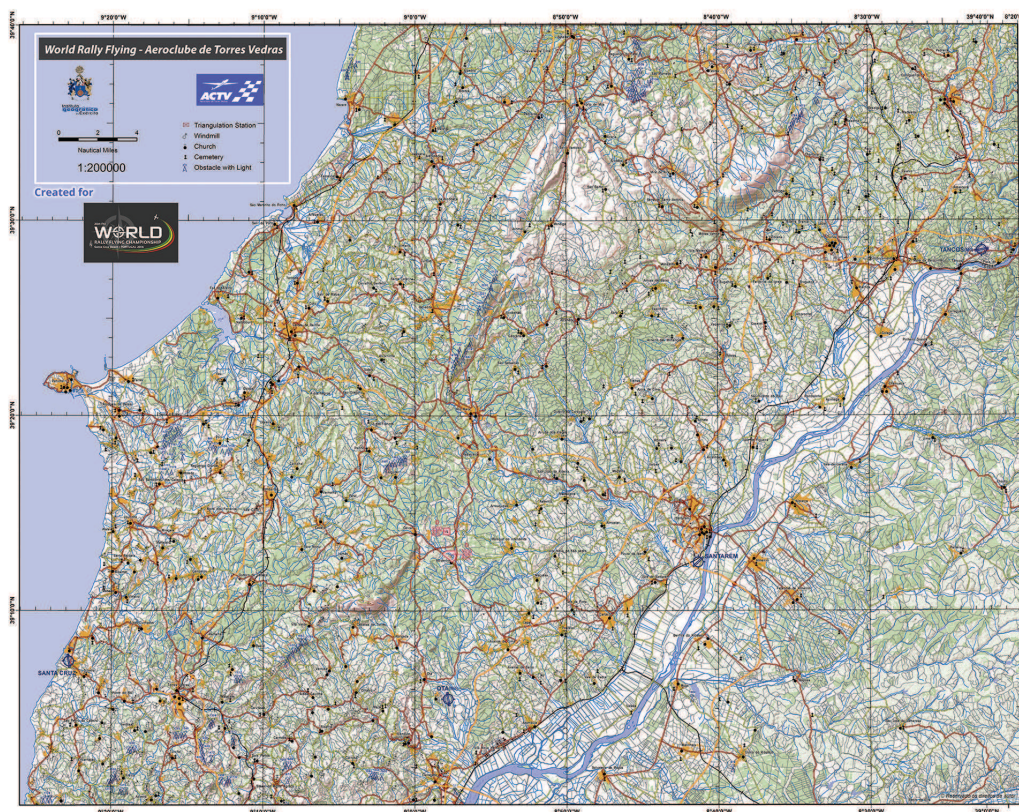
#### C.12.2.2. Payment for all services can be made in EUR only!

#### C.12.2.3 Landing evaluation

Video recording system will be available accordingly to FAI regulation.



### C.13 Competition Map



2 weeks before the competition, some training routes will be send to each Team Manager

The map to be used for navigation will be in the scale 1: 200 000, provided by Organizer. One copy of the competition maps and competition forms to be used will be sent to each participating Team Manager upon receiving the Official Entry Form and appropriate Entry Fee.

### C.14 Doping Control

Doping tests may be carried out in accordance with FAI drug rules and doping rules of Portugal and National law regulations Anti-doping Committee of the Portugal.

## C.15. Landing System / Scoring System.

C.15.1 The Video recording System for landings is the preferred choice.

The Spanish Scoring System will be used.

## C.16 Correspondence and communication

C.16.1 Address for correspondence:

**Address:**

Aeroclube de Torres Vedras  
Aeródromo Municipal da Praia de Santa Cruz  
2560-470 Silveira  
Portugal

**Website:**

[www.santacruzwrfc2016.com](http://www.santacruzwrfc2016.com)

**Email:**

[info@santacruzwrfc2016.com](mailto:info@santacruzwrfc2016.com)

**Contacts:**

*Operative Coordination* - Filipa Oliveira +351 964 086 691  
Fax: +351 261 936 040

## C.17 Officials:

Competition Director:	Mr. João Francisco, Portugal
Deputy Director:	Mr. Jacques CARRIQUIRIBERRY, France
International Chief Judge RF:	Mr. Paul SZAMEITAT, Austria
President of the Jury:	Mr. Vagn JENSEN, Denmark
Jury Member:	Mr. Jesus MAS, Spain
Jury Member:	Mr. Jiri DODAL, Czech Republic
Jury (and Int. Chief Judge Reserve):	Mr. Deon Van Der BERG, South Africa
Scoring:	Mr. Juan RAMÓN ALVAREZ, Spain
Route Planner:	Mr. Michel GROSDÉMANGE, France